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**FAX Transmission Sheet**

February 14, 2003

**FAX RECEIVED**

FEB 14 2003

TECHNOLOGY CENTER 2800

To: Budd, Mark O. Fax No. (703) 872-9318  
From: Stephen P. Burr Fax No. (315) 233-8320  
Re: U.S. Patent Application Serial No. 09/918,274  
Title: PIEZOELECTRIC/ELECTROSTRICTIVE ELEMENT AND  
PIEZOELECTRIC/ELECTROSTRICTIVE DEVICE AND PRODUCTION METHOD  
THEREOF  
Conf. No.: 2785  
Our Ref.: 815\_001

You should receive 12 page(s) including this cover sheet. If you do not receive all pages, please call Tara at (315) 233-8300.

**COMMENTS:**

I hereby certify that the following paper(s) is/are being transmitted by facsimile to the Patent and Trademark Office on February 14, 2003:

- an Amendment Transmittal (in duplicate)
- an Amendment
- marked-up amended claims

**Pages:**

2  
7  
2  
11

Tara L. Preston

Tara L. Preston

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**PATENT AMENDMENT TRANSMITTAL**

(Provisions of 37 CFR 1.136 Apply)

Application Number	09/918,274	Filing Date	July 30, 2001
Group Art Unit	2834	Examiner Name	Budd, M.
Confirmation No.	2785	Attorney Docket No.	815_001
Inventor(s)	Masahiko NAMERIKAWA, Kazuyoshi SHIBATA and Masaki IWAMOTO		
Invention:	PIEZOELECTRIC/ELECTROSTRICTIVE ELEMENT AND PIEZOELECTRIC/ELECTROSTRICTIVE DEVICE AND PRODUCTION METHOD THEREOF		

Transmitted herewith is an Amendment in the above-identified application. The fee has been calculated as follows:

**CLAIMS AS AMENDED**

(1)	(2) Claims Remaining After Amendment	(3)	(4) Highest Number Previously Paid	(5) No. of Extra Claims Present	(6) Rate (Large Entity)	(7) Additional Fee
TOTAL CLAIMS	20	MINUS	26	0	\$18.00	\$00.00
INDEP. CLAIMS	5	MINUS	6	0	\$84.00	\$00.00
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT</b>						<b>\$00.00</b>

**EXTENSION OF TERM**

- ☒ Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.
- ☐ This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a reply in the above-identified application. The requested extension and appropriate non-small entity fee are as follows:
- |   |          |  |
|---|----------|--|
| <input type="checkbox"/> One Month (37 CFR 1.17(a)(1) .....   | \$110.00 |  |
| <input type="checkbox"/> Two Month (37 CFR 1.17(a)(2) .....   | \$410.00 |  |
| <input type="checkbox"/> Three Month (37 CFR 1.17(a)(3) ..... | \$930.00 |  |

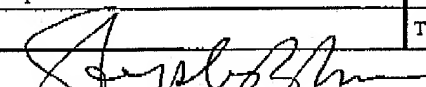
**TOTAL FEES DUE****\$ 0.00**

- ☐ Applicant claims small entity status. See 37 CFR 1.27. Therefore, the fee amount is reduced by one-half, and the resulting fee is:

**FEE PAYMENT**

- ☒ No additional fee is required.
- ☐ A check in the amount of \$\_\_\_\_\_ is enclosed.
- ☐ Charge Deposit Account 50-1446 in the amount of \$. Enclosed is a duplicate copy of this sheet.
- ☒ Please charge any fees which may be required, or credit any overpayment, to Deposit Account 50-1446.

**Submitted By:**

Name (Print Type)	Stephen P. Burr	Reg. No.	32,970	Customer No.	025191
		Telephone	(315) 233-8300	Facsimile	(315) 233-8320
Signature				Date	February 14, 2003

**CERTIFICATION OF FACSIMILE TRANSMISSION**

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Tara L. Preston

Practitioner's Docket No.: 815\_001

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Masahiko NAMERIKAWA, Kazuyoshi SHIBATA and Masaki IWAMOTO

Ser. No.: 09/918,274

Group Art Unit: 2834

Filed: July 30, 2001

Examiner: Budd, M.

Confirmation No.: 2785

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For: PIEZOELECTRIC/ELECTROSTRICTIVE ELEMENT AND  
PIEZOELECTRIC/ELECTROSTRICTIVE DEVICE AND PRODUCTION  
METHOD THEREOF

Box Non-Fee Amendment  
Assistant Commissioner for Patents  
Washington, DC 20231

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TRANSMISSION

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on February 14, 2003 at (703) 872-9318.

*Sara L. Preston*  
Tara L. Preston

## AMENDMENT

Sir:

In response to the Office Action mailed November 14, 2002, please amend the above-identified application as follows:

In the Claims:

Please rewrite claims 27 and 28 as follows:

27. (Amended) A piezoelectric/electrostrictive element comprising:

a substantially trapezoidal laminate having narrower and wider surfaces lying substantially in parallel to one another and first and second surfaces opposed to one another between the narrower and wider surfaces, the first and second surfaces being inclined at given angles with respect to one of the narrower and wider surfaces, said laminate comprising a plurality of piezoelectric/electrostrictive layers and a plurality of internal electrodes each of which is disposed between an adjacent two of the piezoelectric/electrostrictive layers, the internal electrodes being divided into first and second groups, each of the first group internal electrodes lying over one of the second group internal electrodes and being separated by one